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Docket No.: 1341.1201

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Jun KAMADA et al.

Serial No. 10/822,689

Group Art Unit: 2182

Confirmation No. 2895

Filed: April 13, 2004

Examiner: Unassigned

For: CENTRAL PROCESSING UNIT AND COMPUTER PROGRAM

SUBMISSION OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The application was filed without an English language translation of the International Preliminary Examination Report (IPER). To assist the Examiner in examination of the application, and in particular consideration of the references cited in the IPER, an English language translation of the IPER is enclosed herewith. It should be noted that the IPER has no amended sheets annexed thereto.

If there are any questions regarding the enclosed document, such questions can be addressed by telephone to the undersigned.

Respectfully submitted,

STAAS & HALSEY LLP

Date:

July 21 2004

By:

Mark J. Henry
Registration No. 36,162

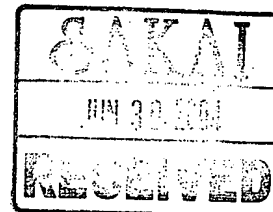
1201 New York Ave, N.W., Suite 700
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From the INTERNATIONAL BUREAU

PCTNOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 72.2)

To:

SAKAI, Hiroaki
Tokyo Club Building
2-6, Kasumigaseki 3-chome
Chiyoda-ku, Tokyo 100-0013
JAPON

| | |
|--|--|
| Date of mailing (<i>day/month/year</i>) 24 June 2004 (24.06.2004) | |
| Applicant's or agent's file reference 0151400 | IMPORTANT NOTIFICATION |
| International application No. PCT/JP2001/010446 | International filing date (<i>day/month/year</i>) 29 November 2001 (29.11.2001) |
| Applicant | FUJITSU LIMITED et al |

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

2. Transmittal of the copy of the translation to the elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

EP

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

JP, US

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Yoshiko Kuwahara

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 90 90

Translation

PATENT COOPERATION TREATY

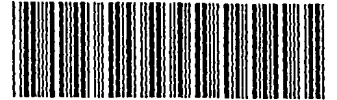
PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

PCT Application

PCT/JP2001/010446



| | | |
|---|---|--------------------------------|
| Applicant's or agent's file reference 0151400 | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) | |
| International application No. PCT/JP01/10446 | International filing date (day/month/year) 29 November 2001 (29.11.01) | Priority date (day/month/year) |
| International Patent Classification (IPC) or national classification and IPC G06F 9/30, 9/06 | | |
| Applicant FUJITSU LIMITED | | |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).
These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

| | |
|--|---|
| Date of submission of the demand 13 May 2002 (13.05.02) | Date of completion of this report 05 March 2003 (05.03.2003) |
| Name and mailing address of the IPEA/JP | Authorized officer |
| Facsimile No. | Telephone No. |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP01/10446

I. Basis of the report

1. With regard to the elements of the international application:*

☒ the international application as originally filed

☐ the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement under Article 19

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

☐ the language of publication of the international application (under Rule 48.3(b)).

☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP01/10446

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

| | | | |
|-------------------------------|--------|------|-----|
| Novelty (N) | Claims | 1-10 | YES |
| | Claims | | NO |
| Inventive step (IS) | Claims | 1-10 | YES |
| | Claims | | NO |
| Industrial applicability (IA) | Claims | 1-10 | YES |
| | Claims | | NO |

2. Citations and explanations

Document 1: JP, 7-182155, A (Hitachi, Ltd.), 21 July, 1995 (21.07.95), full text, all drawings (Family: none) (This document relates to claims 1-10 of the present application.)

Document 2: JP, 2-231634, A (NEC Corp.), 13 September, 1990 (13.09.90), full text, all drawings (Family: none) (This document relates to claim 7 of the present application.)

Document 3: "A Dynamically Microprogrammable Machine as a Variable Function Resource in a Local Area Network," (R. P. Bird), Systems Architecture, The International Computing Symposium, 1981, pages 37-45 (This document relates to claims 1-10 of the present application.)

Document 4: "Feature: The Forefront of R&D on Internet Security (in Japanese)," (Masataka Kotani, Takashi Morihara and Naoya Torii), FUJITSU, Fujitsu Ltd., 13 July, 2001 (13.07.01), Vol. 52, No. 4, pages 329-337 (This document relates to claims 2 and 3 of the present application.)

None of documents 1-4 cited in the ISR discloses or suggests the constitution, in which "(1) a dynamically specified action mode among plural action modes is added to an action mode-holding means, (2) an instruction corresponding to the added action mode is set in a usable instruction-holding means, and (3) firmware used for executing the instruction (or logic circuit data for producing a logic circuit used for executing the instruction) is acquired from outside in correspondence with the action mode held in the action mode-holding means.